

FIGURE 1

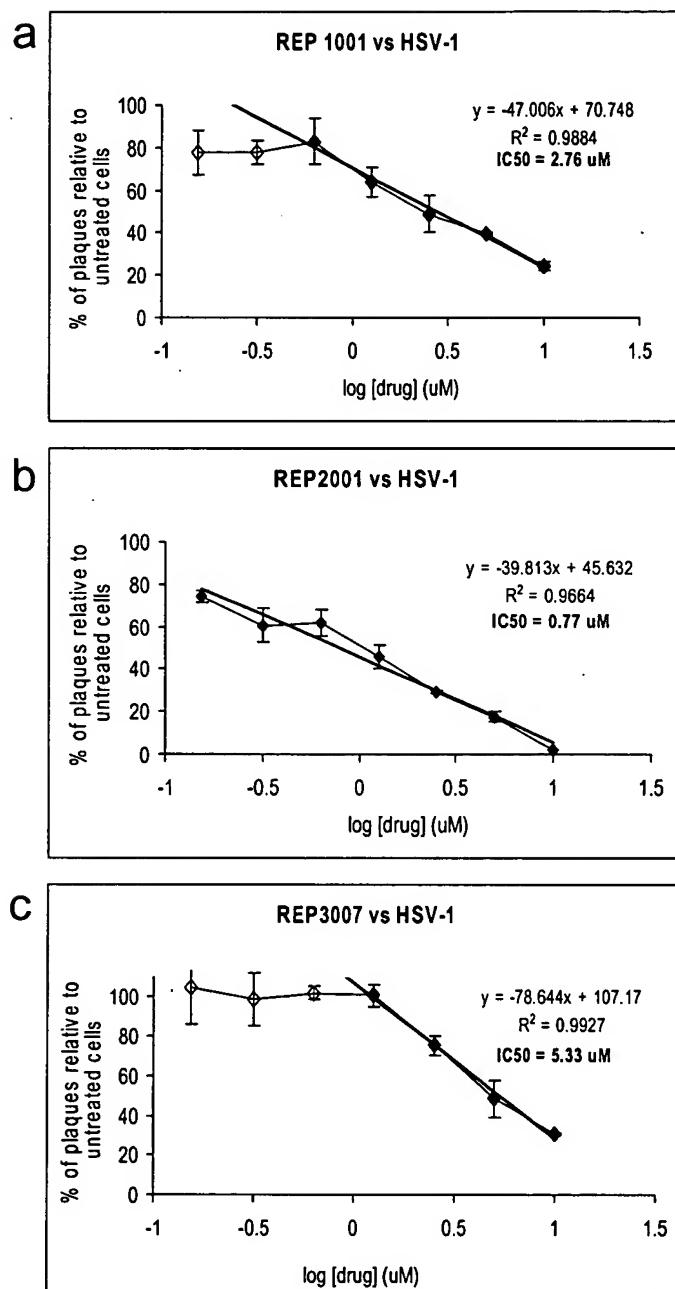


FIGURE 2

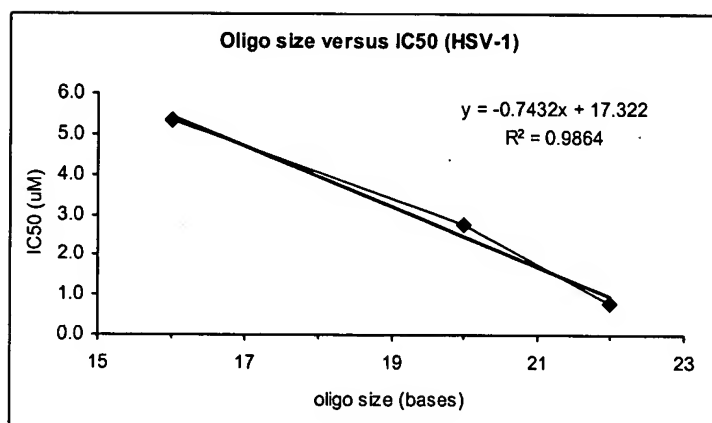


FIGURE 3

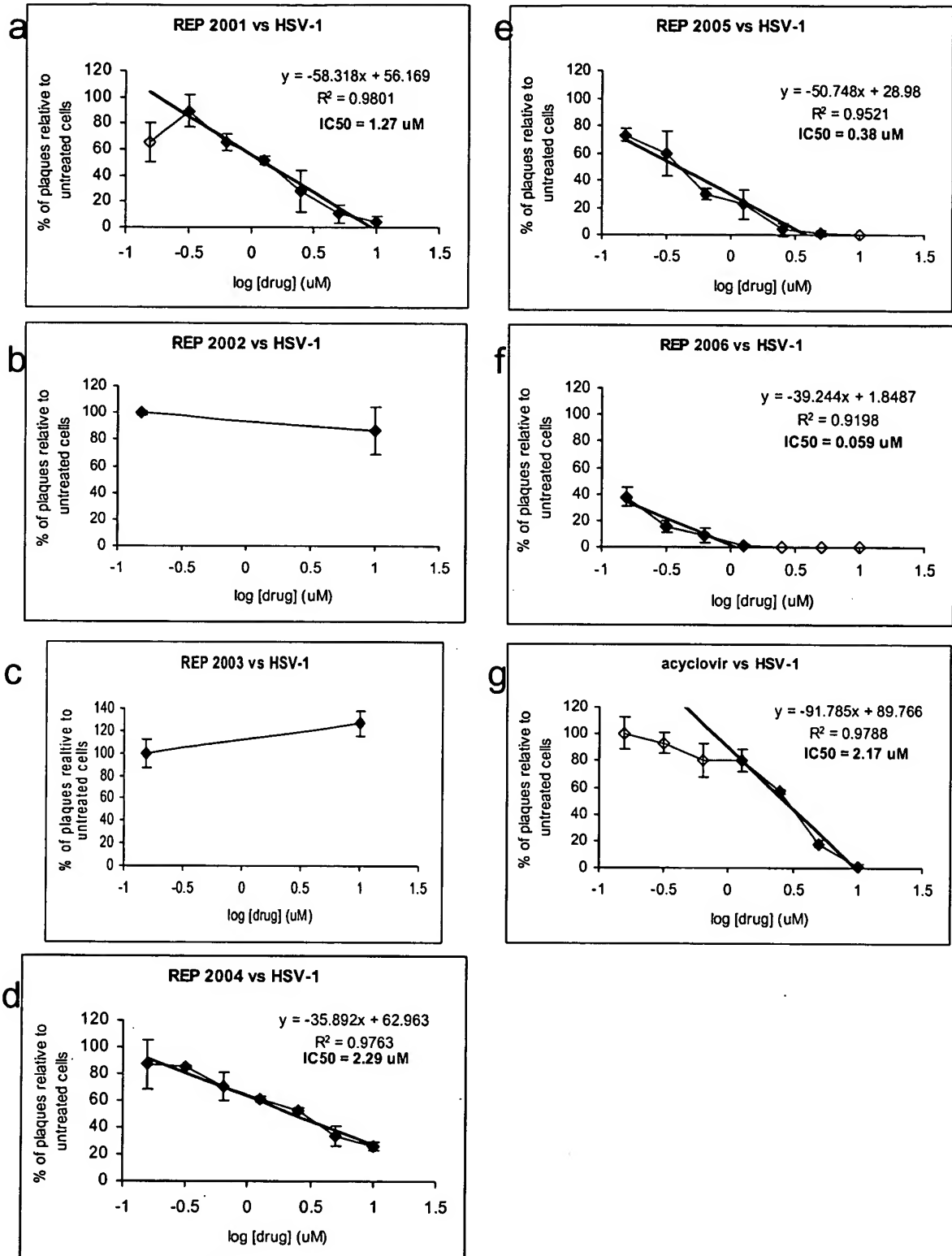


FIGURE 4

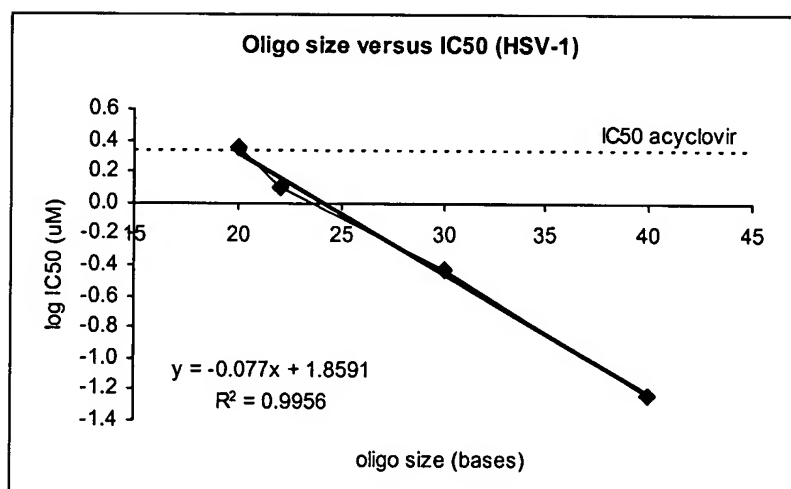


FIGURE 5

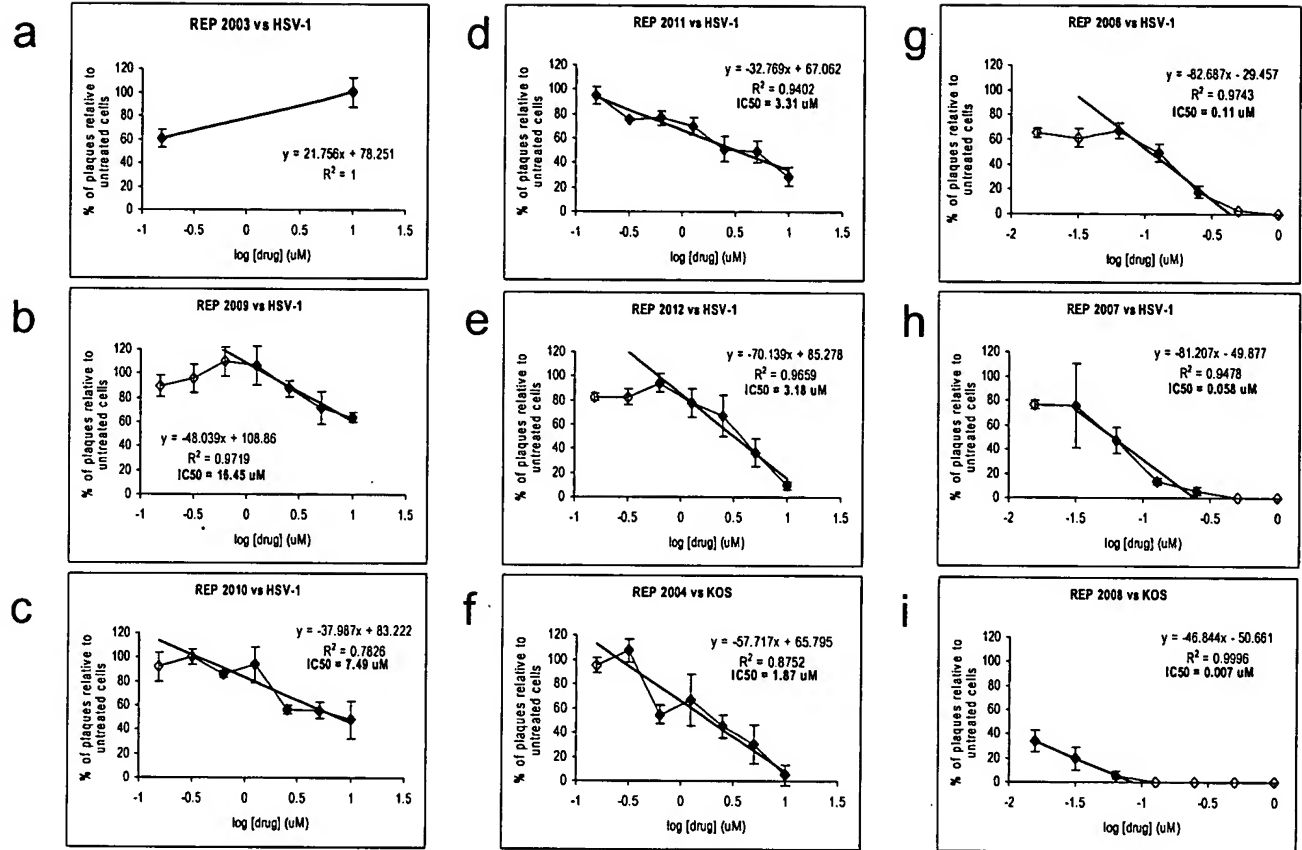


FIGURE 6

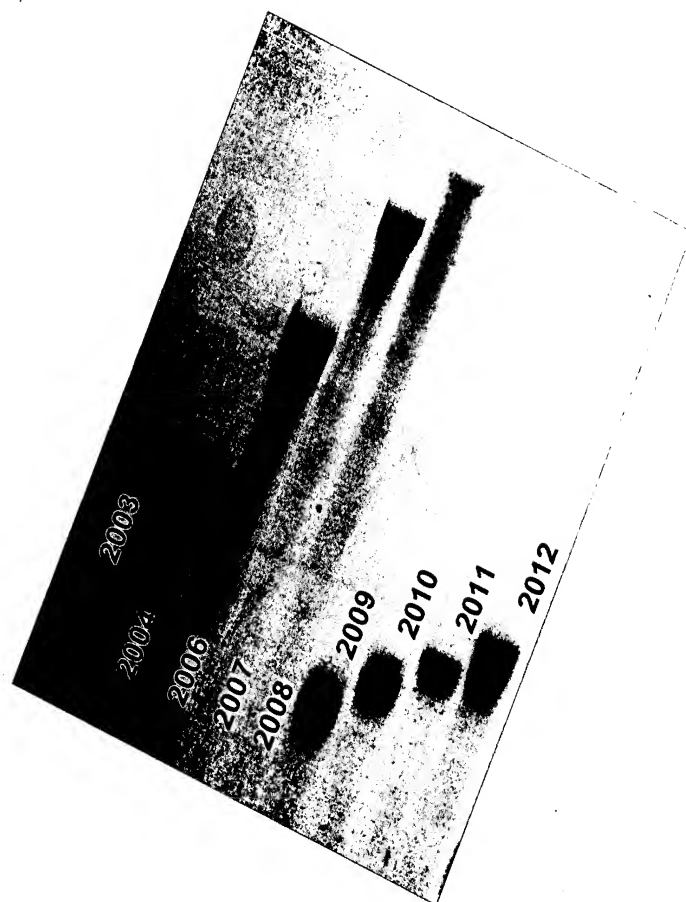


FIGURE 7

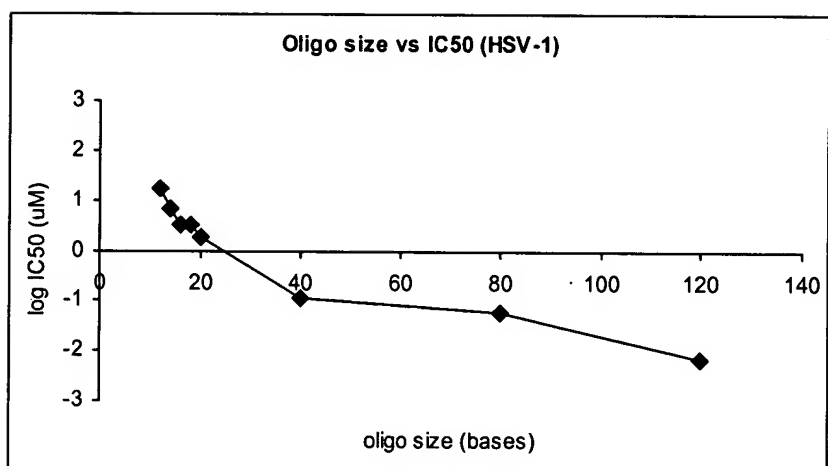


FIGURE 8

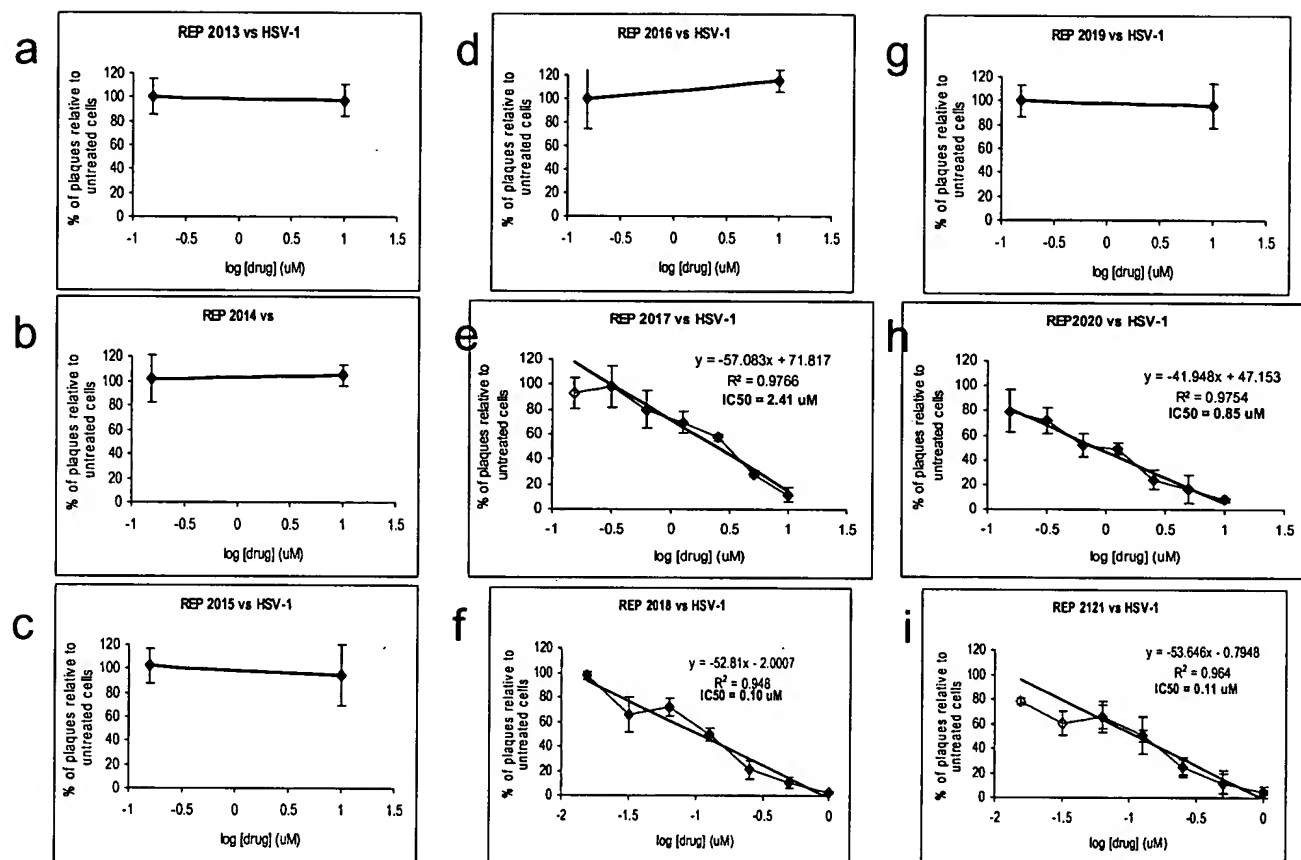


FIGURE 9

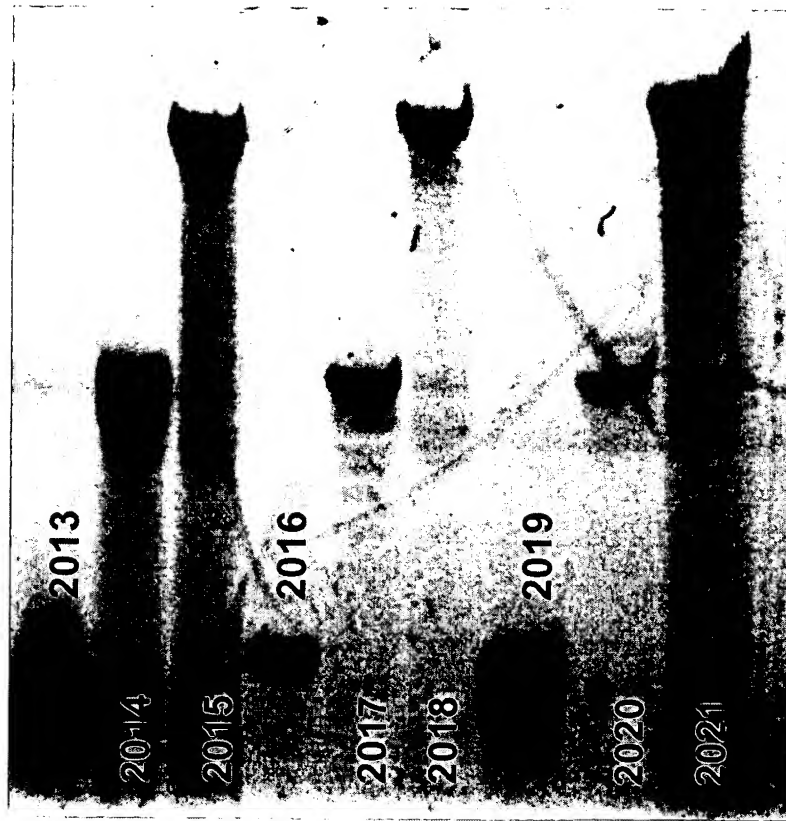


FIGURE 10

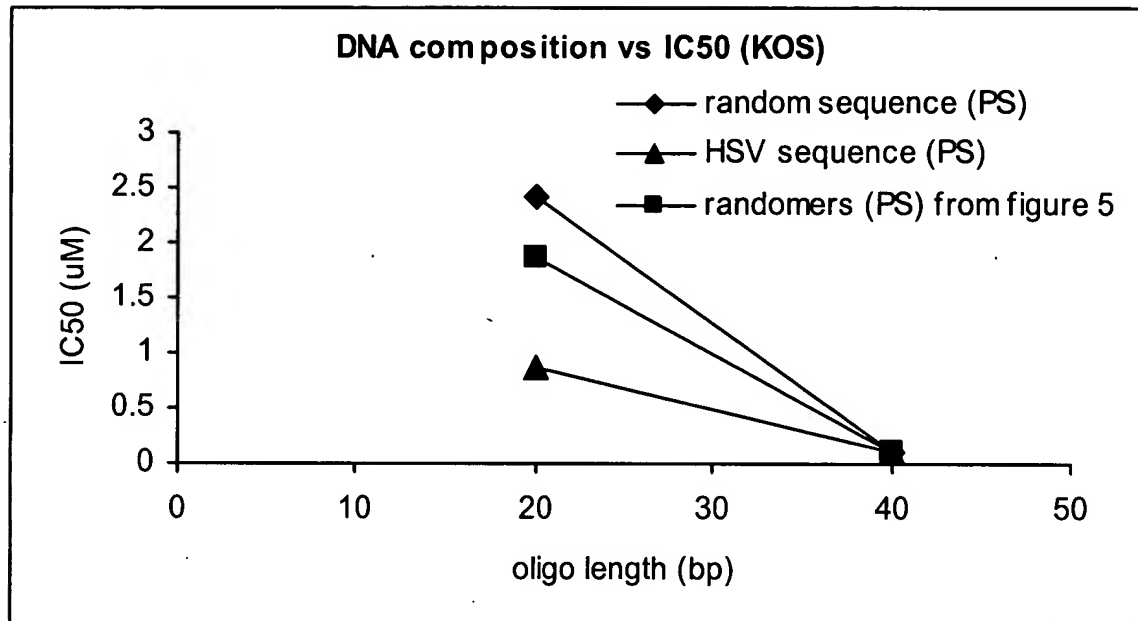


FIGURE 11

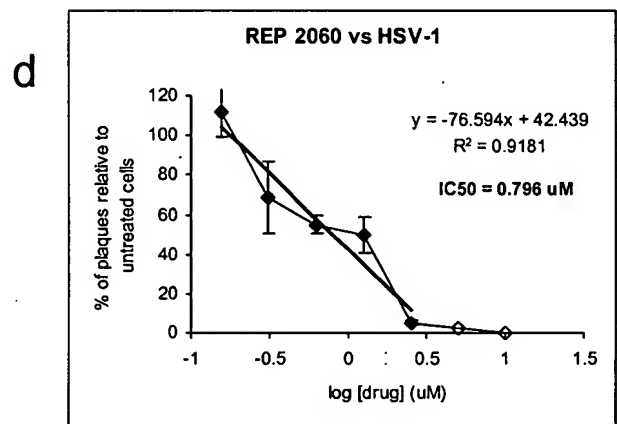
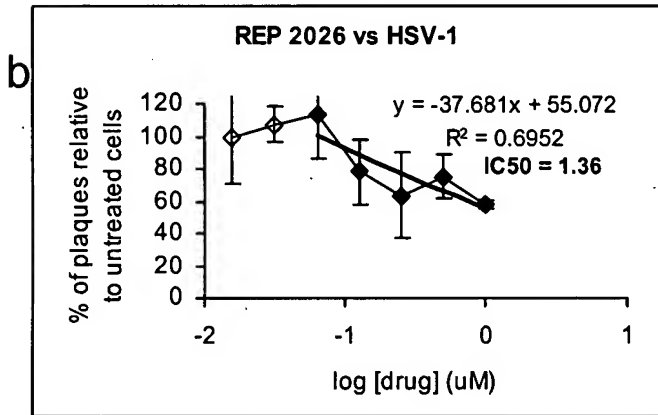
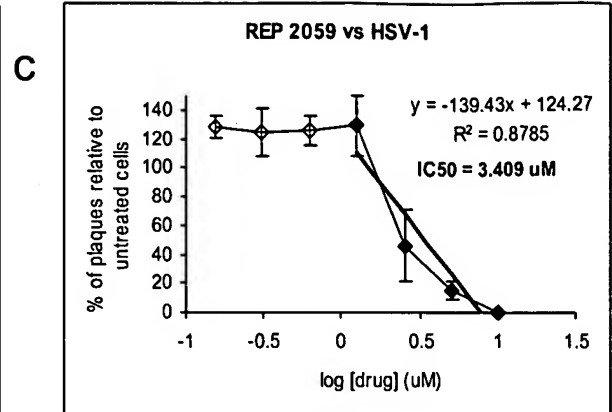
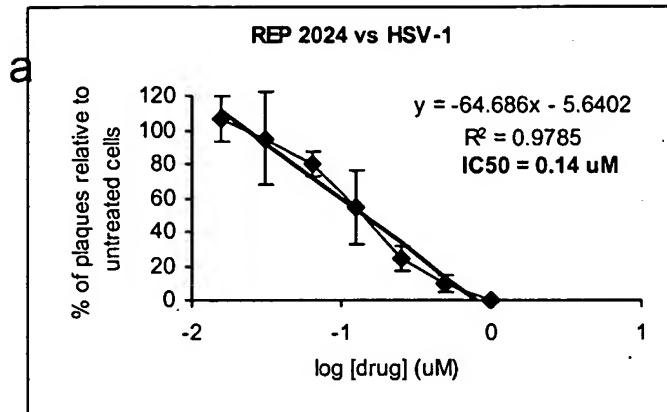


FIGURE 12

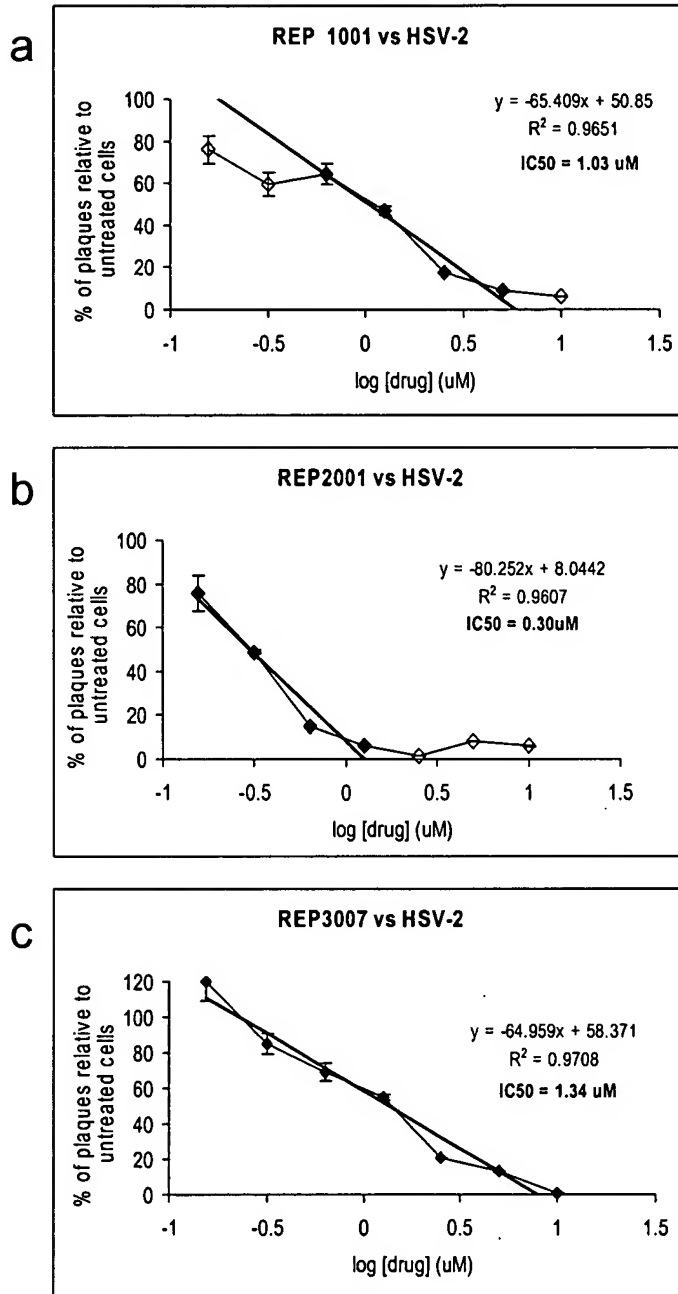


FIGURE 13

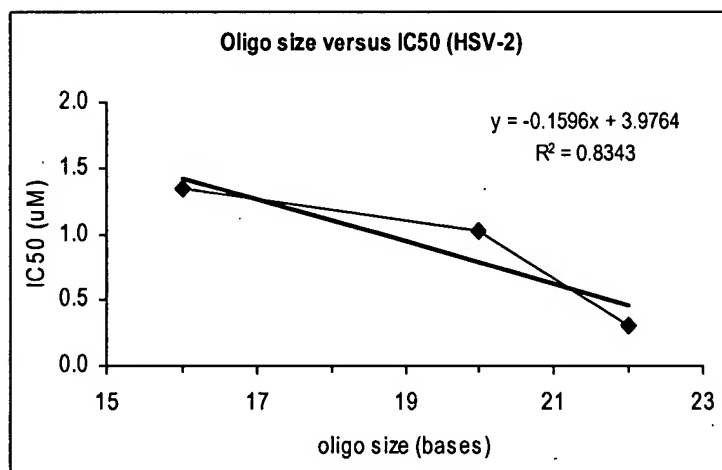


FIGURE 14

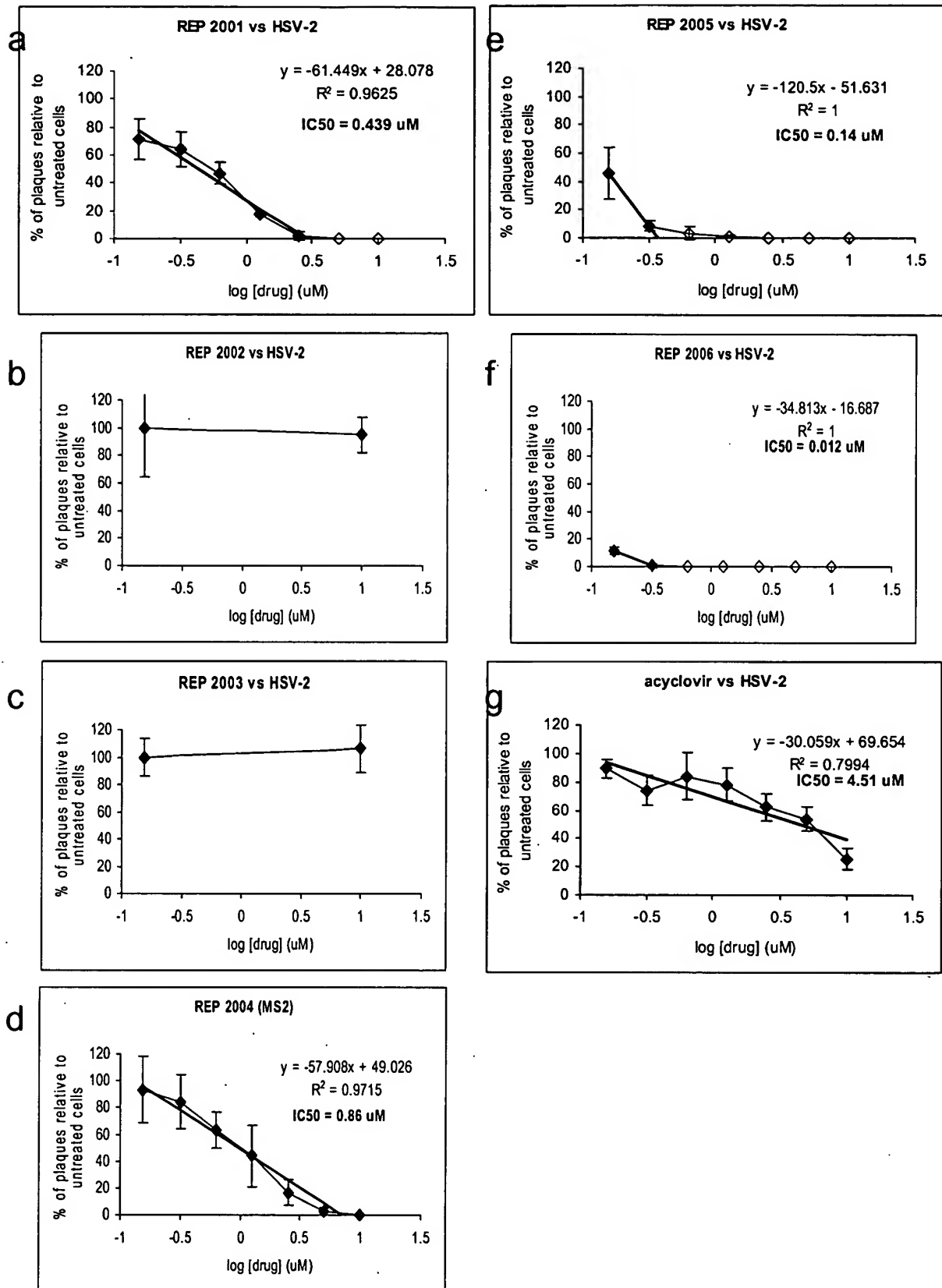


FIGURE 15

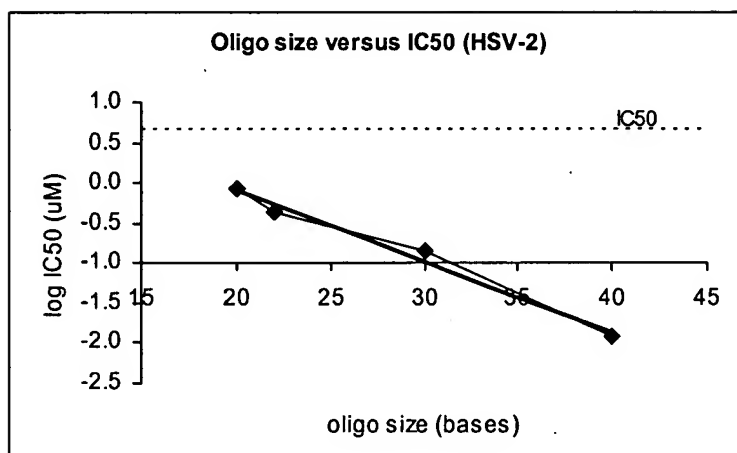


FIGURE 16

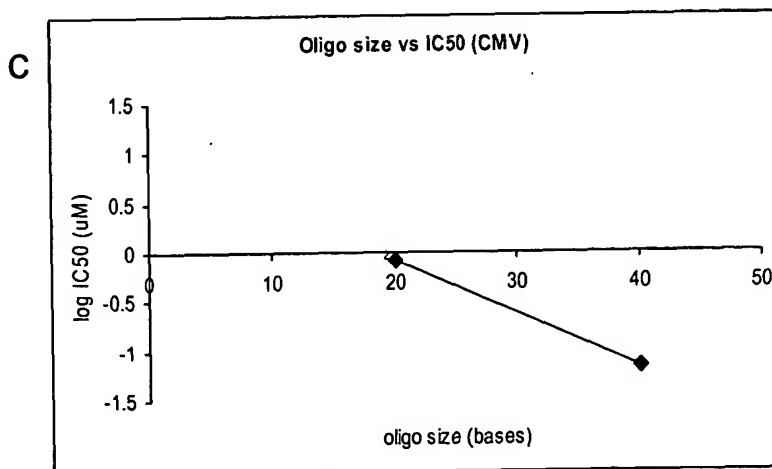
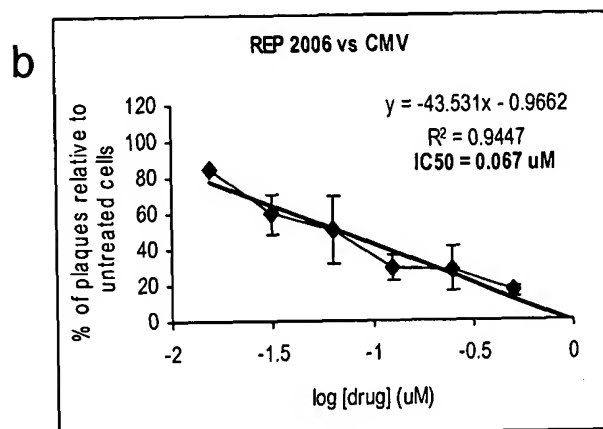
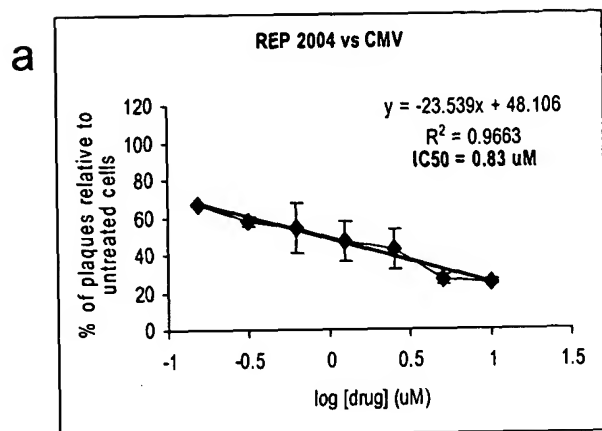


FIGURE 17

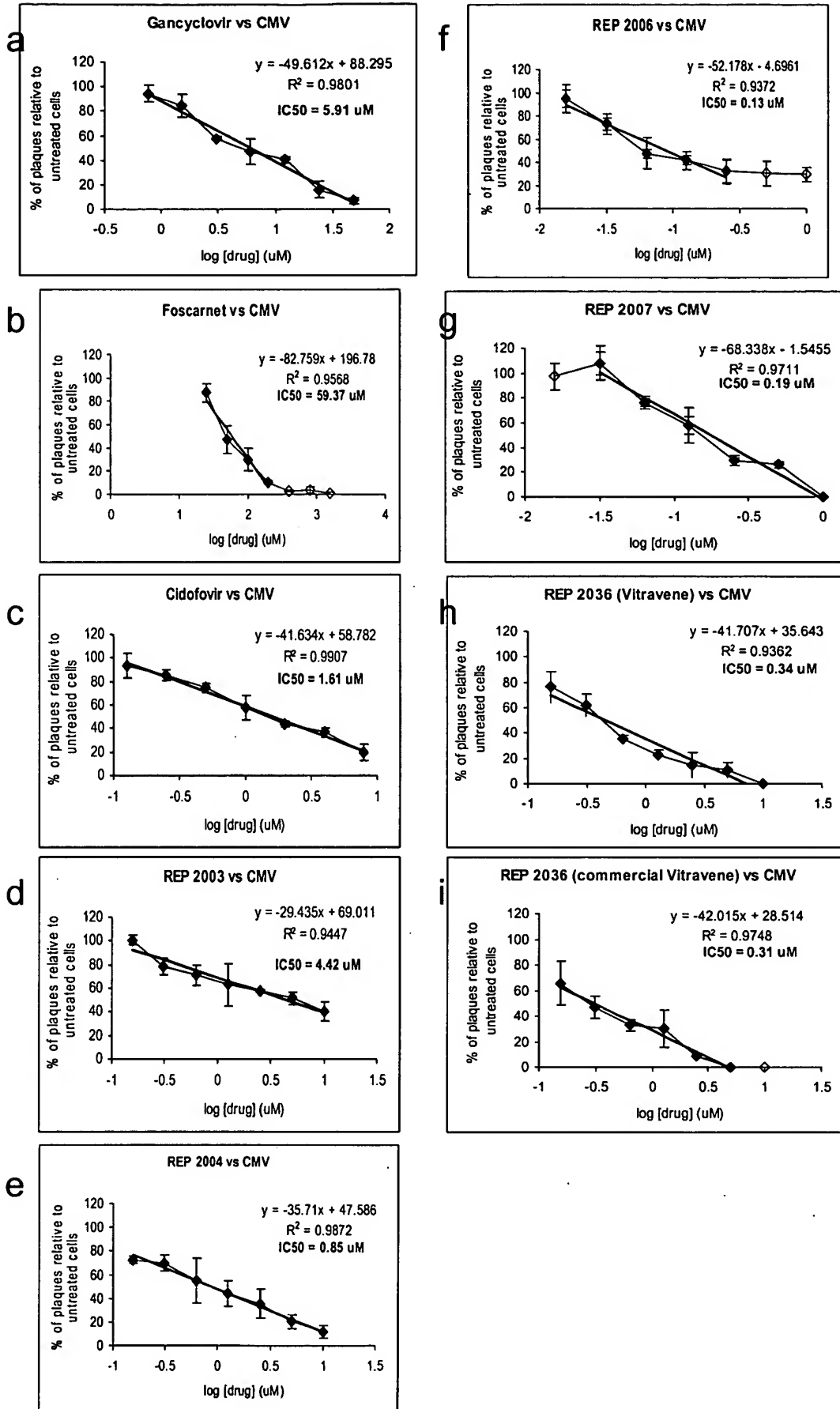


FIGURE 18

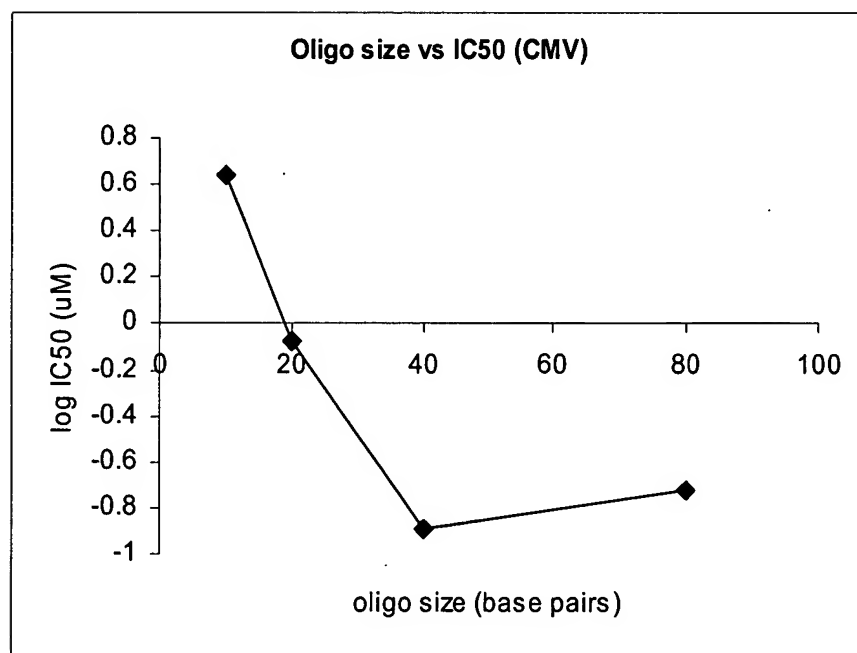


FIGURE 19

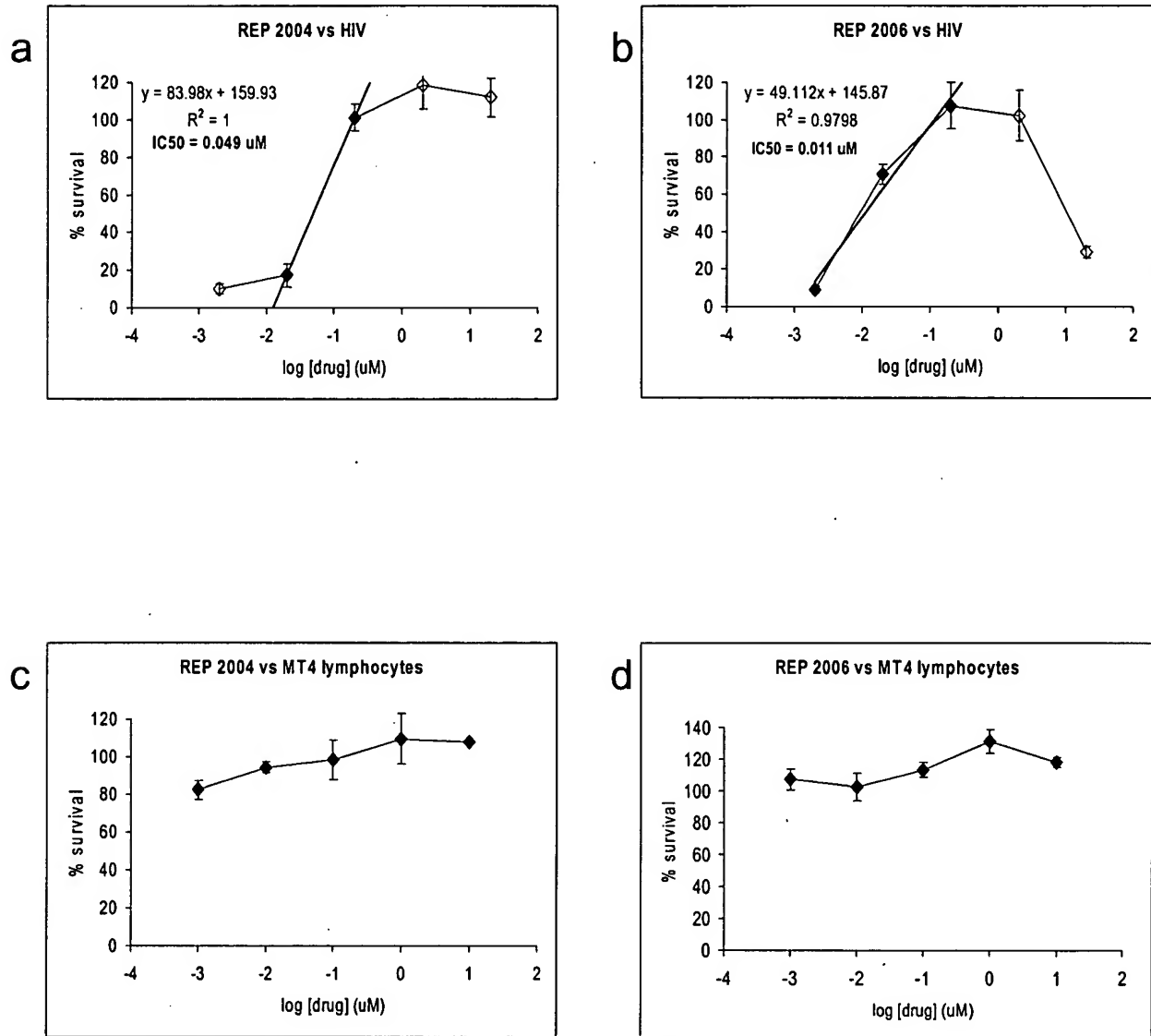


FIGURE 20

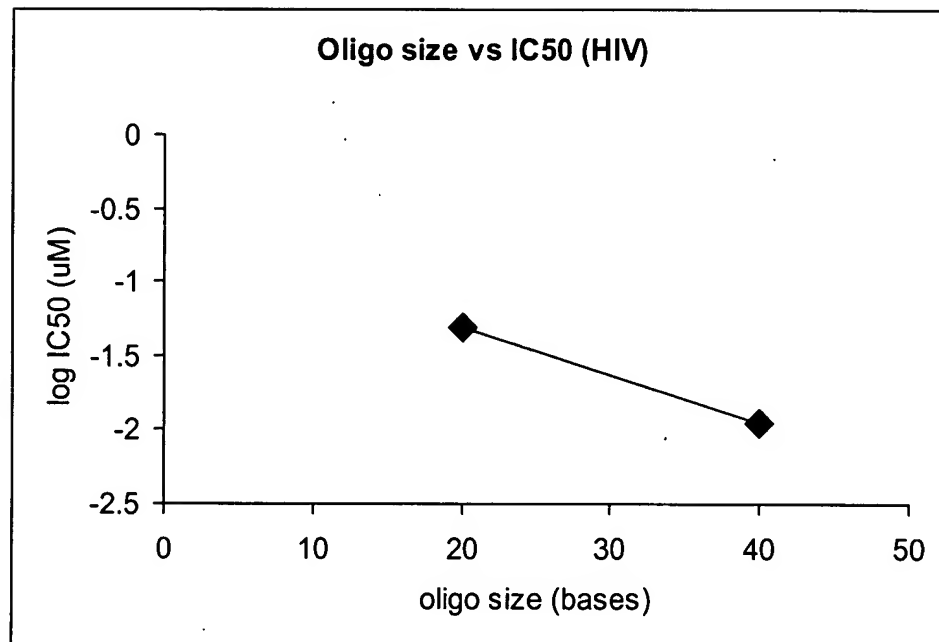
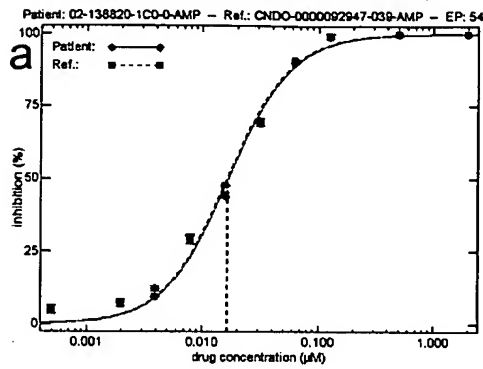
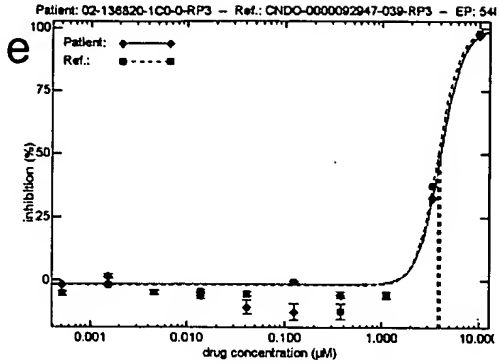


FIGURE 21

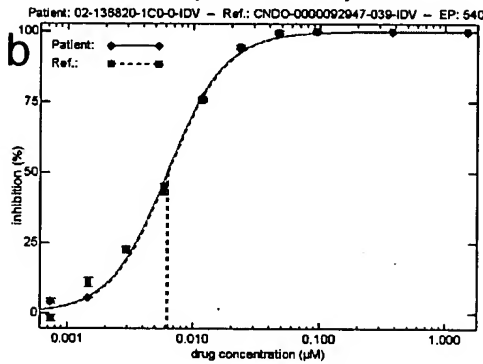
Amprenavir (Agenerase™)



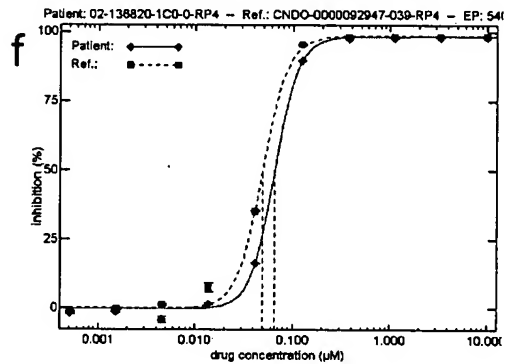
REP 2003



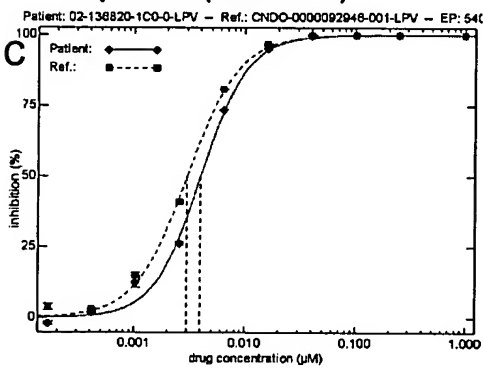
Indinavir (Crixivan™)



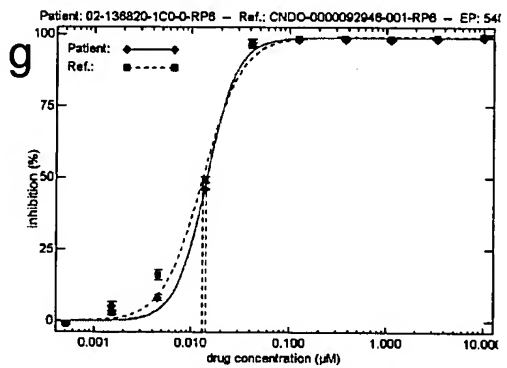
REP 2004



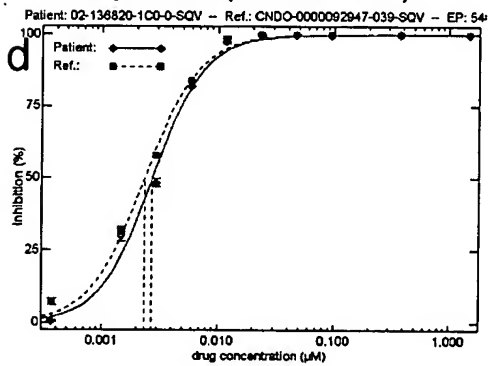
Lopinavir (Kaletra™)



REP 2006



Saquinavir (Fortovase™)



REP 2007

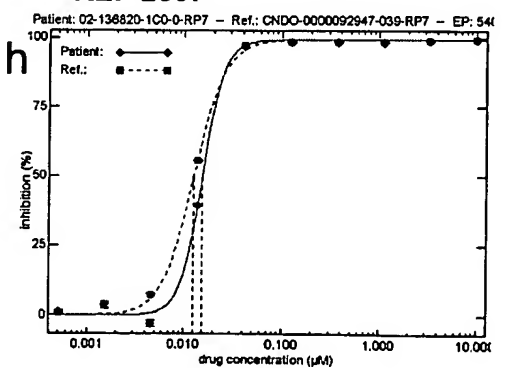


FIGURE 22

a

| Drug | IC ₅₀ (μM) |
|------------|-----------------------|
| REP 2003 | 4.01 |
| REP 2004 | 0.065 |
| REP 2006 | 0.014 |
| REP 2007 | 0.015 |
| Amprenavir | 0.016 |
| Indinavir | 0.006 |
| Lopinavir | 0.004 |
| Saquinavir | 0.003 |

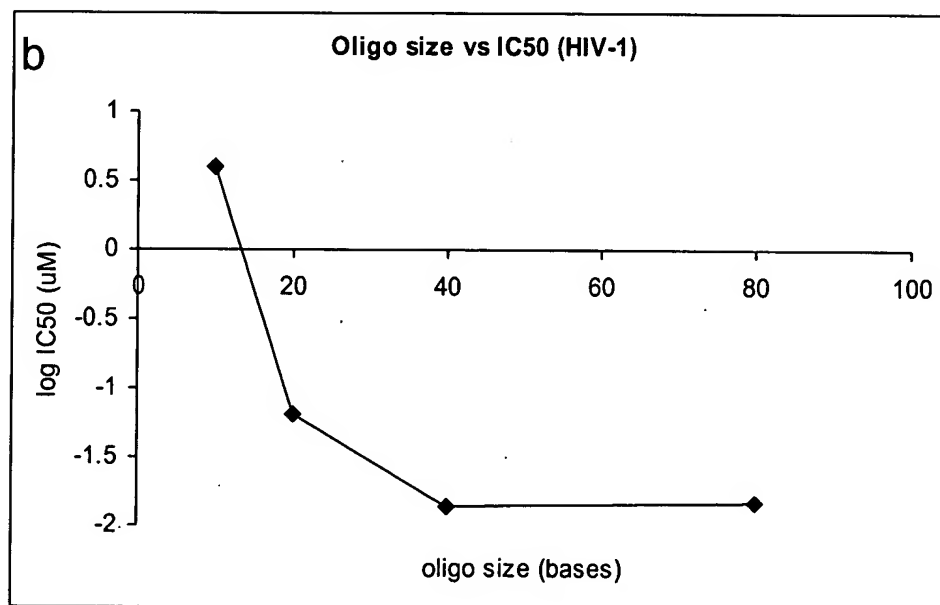


FIGURE 23

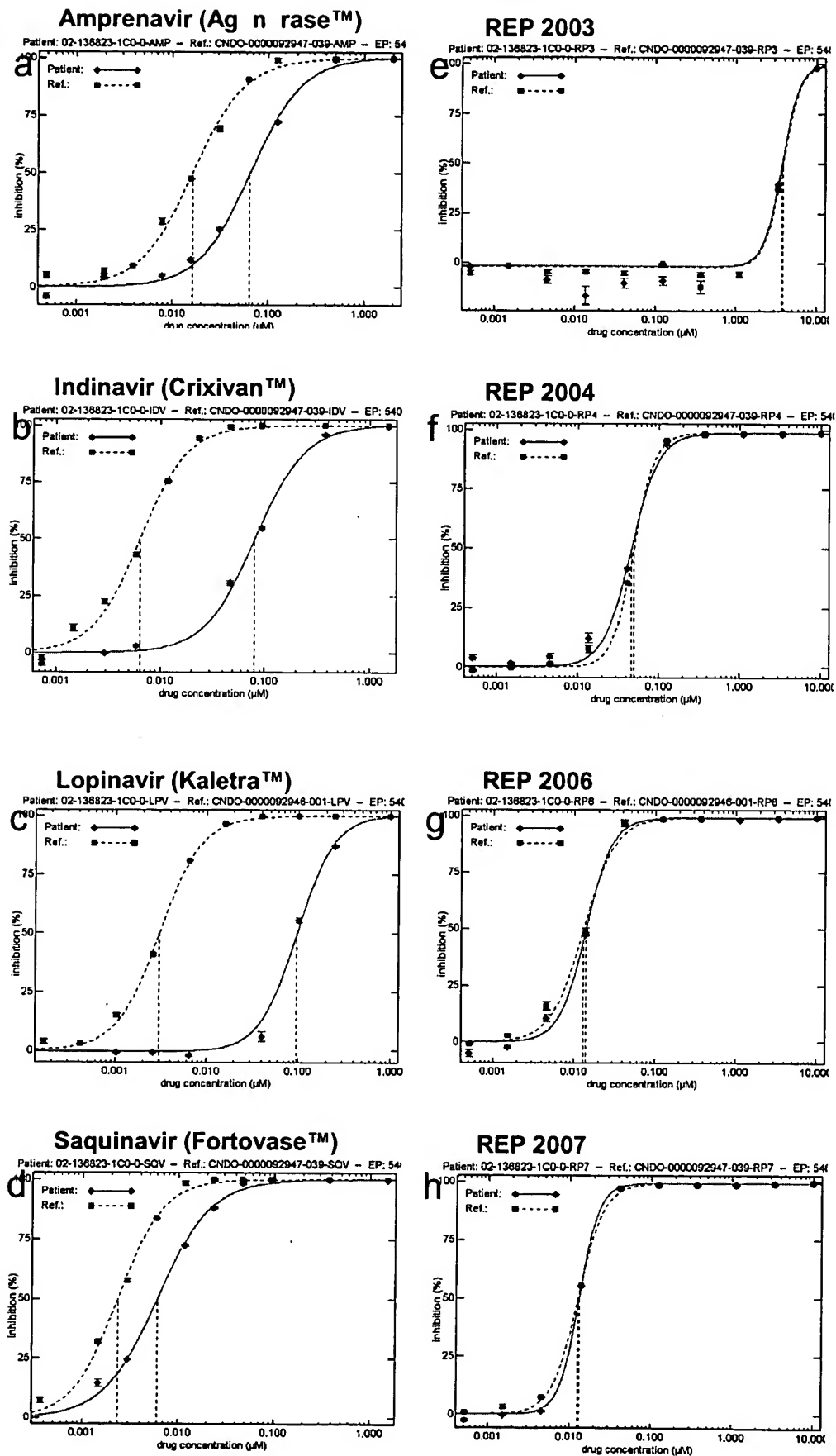


FIGURE 24

| Drug | IC50 (uM) | | Fold change in IC50 |
|------------|-------------|-------------|------------------------|
| | HIV-1 NL4-3 | HIV-1 MRDC4 | |
| REP 2003 | 4.01 | 3.69 | 0.92 |
| REP 2004 | 0.065 | 0.046 | 0.71 |
| REP 2006 | 0.014 | 0.014 | 1.00 |
| REP 2007 | 0.015 | 0.013 | 0.87 |
| Amprenavir | 0.017 | 0.065 | 3.82 |
| Indinavir | 0.006 | 0.08 | 13.33 |
| Lopinavir | 0.004 | 0.096 | 24.00 |
| Saquinavir | 0.003 | 0.006 | 2.00 |

FIGURE 25

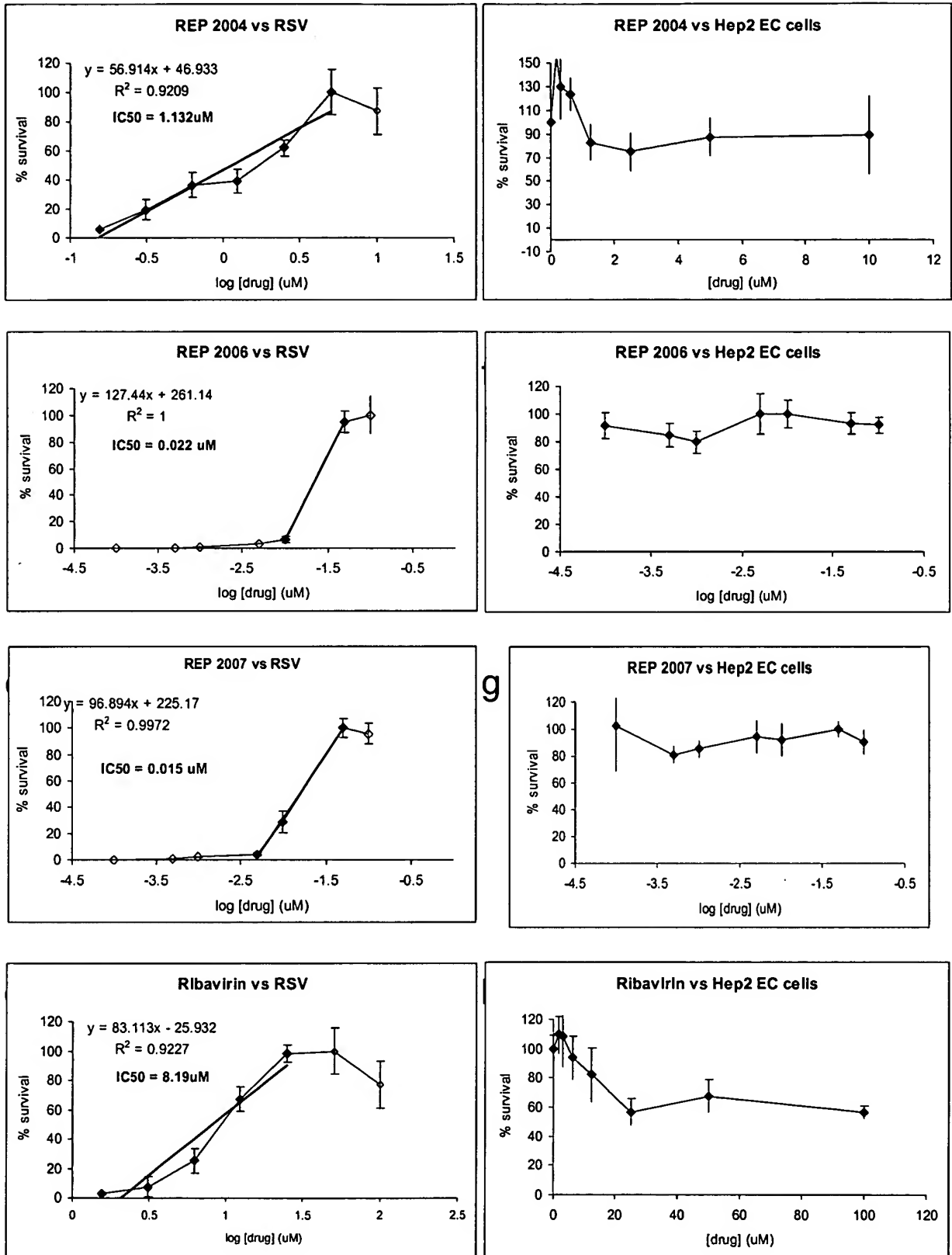


FIGURE 26

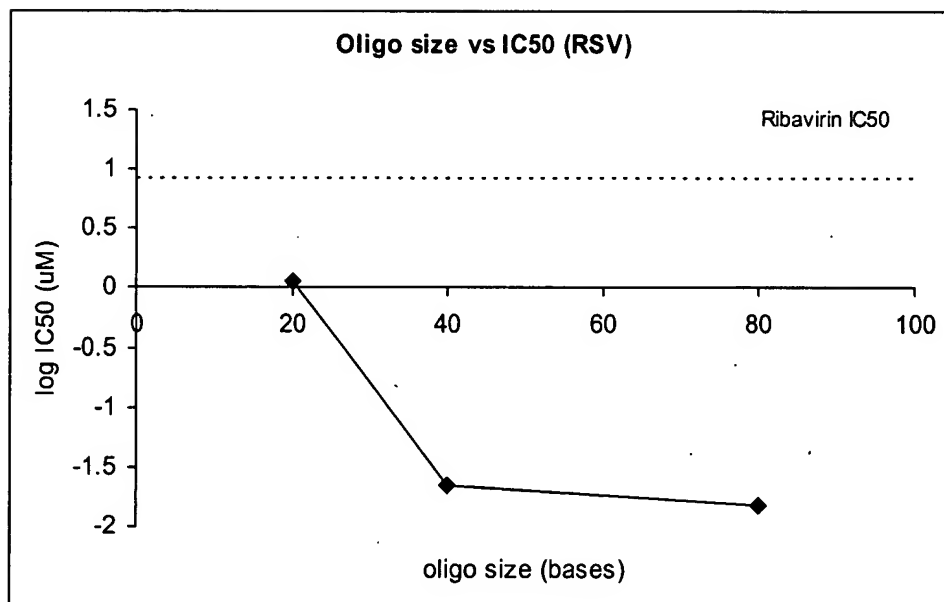


FIGURE 27

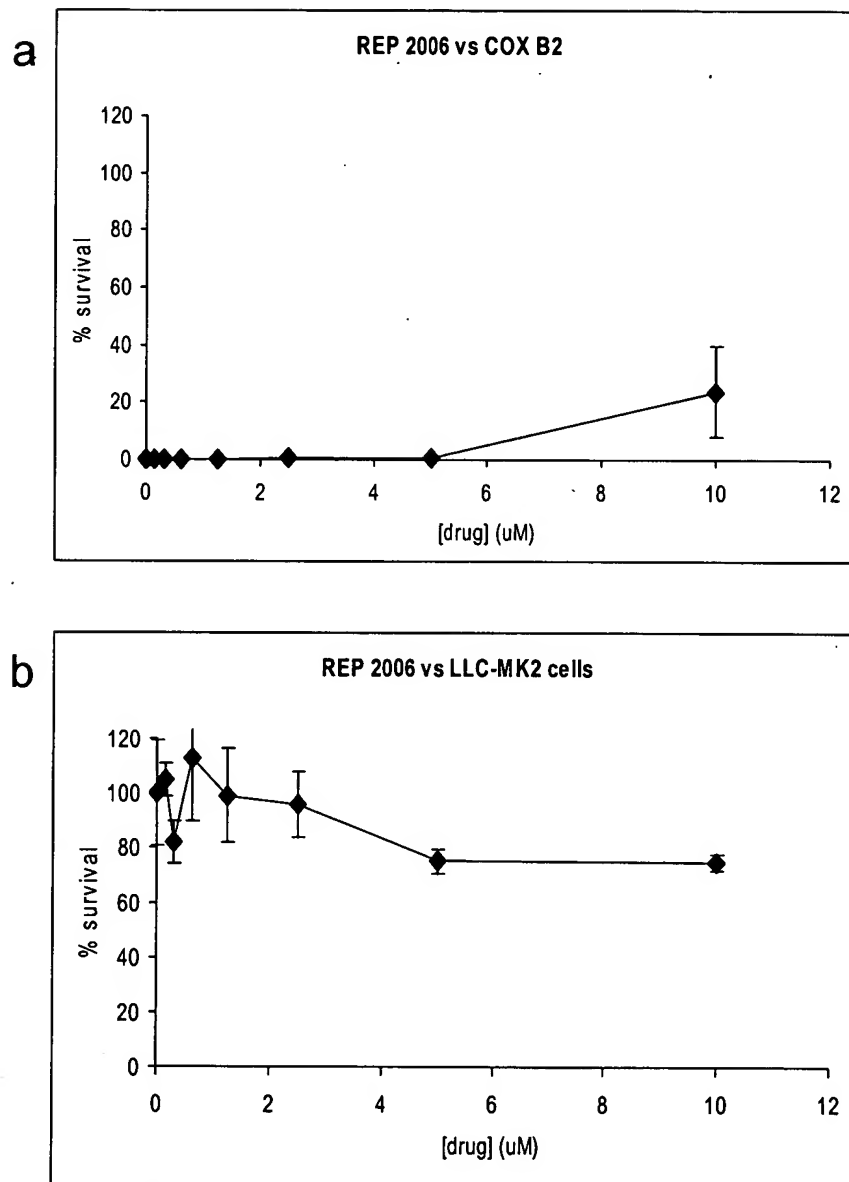


FIGURE 28

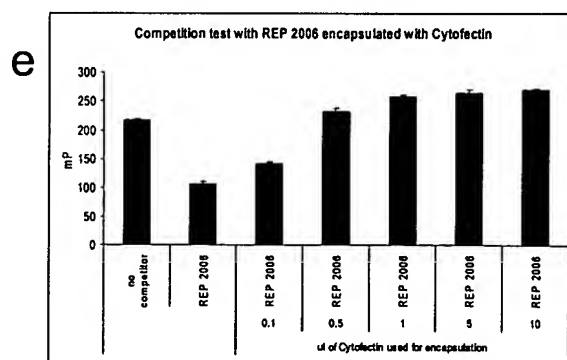
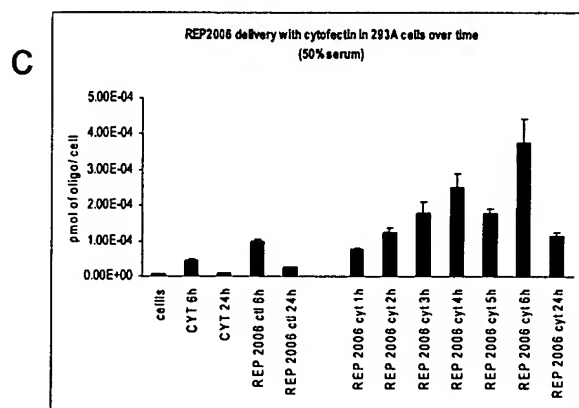
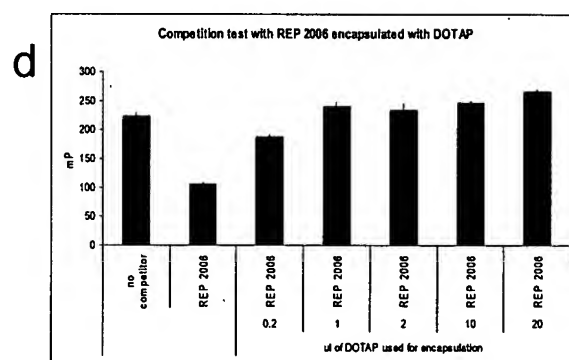
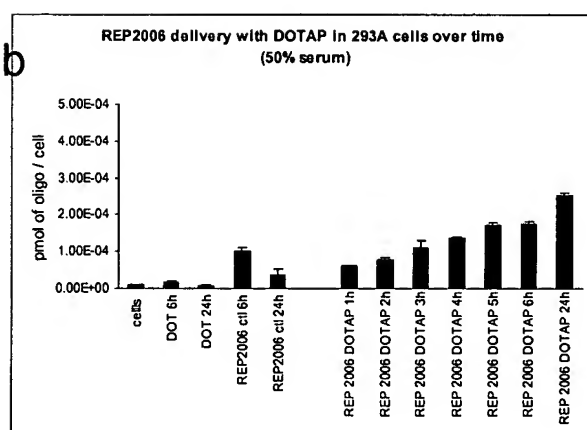
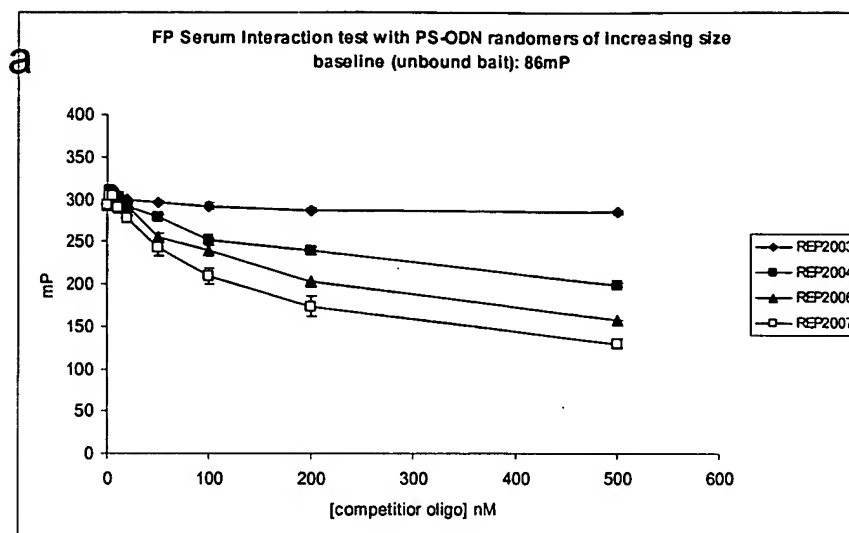


FIGURE 29

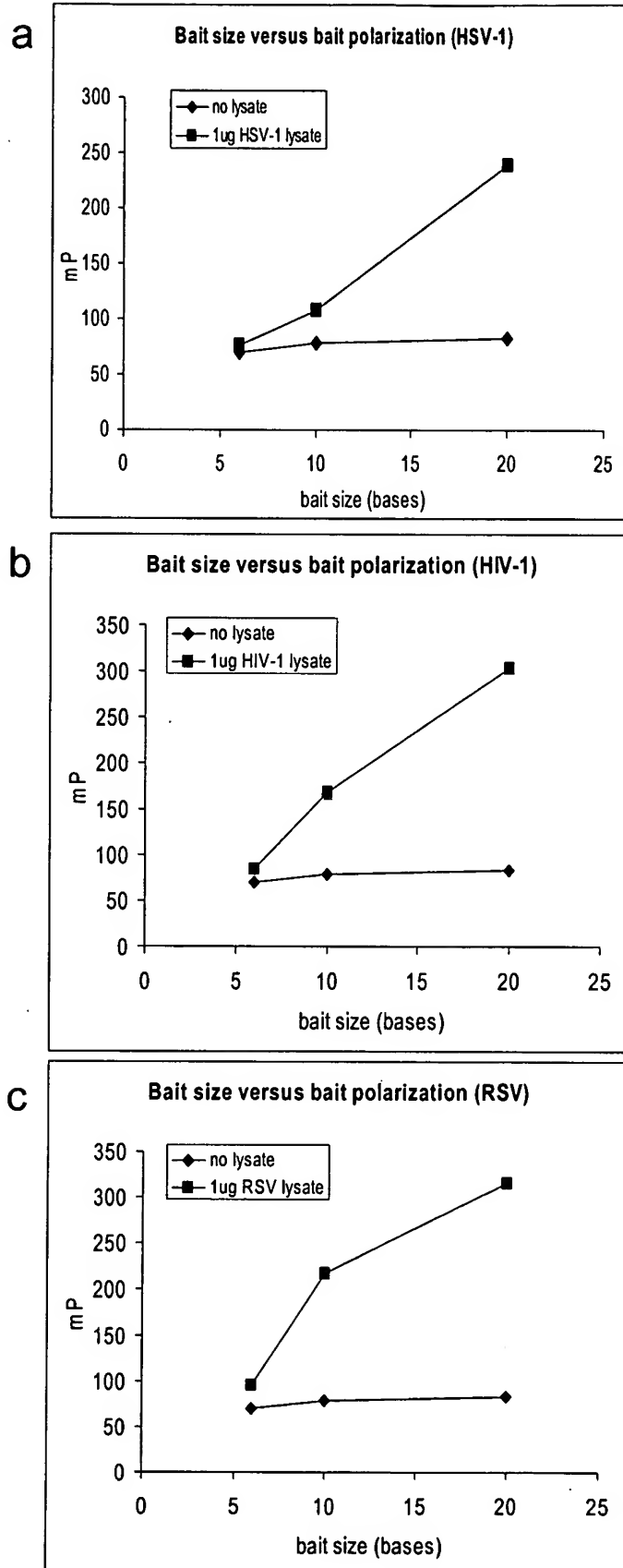


FIGURE 30

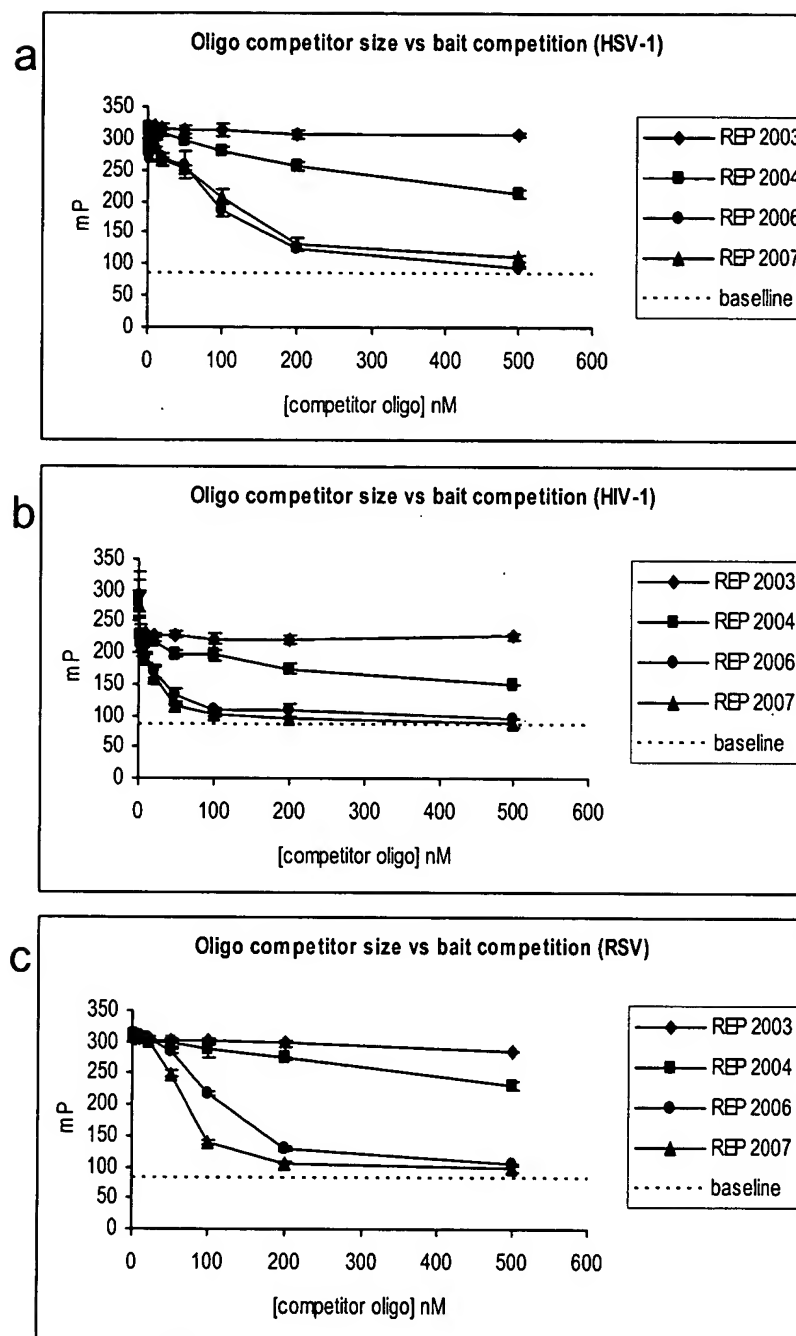


FIGURE 31

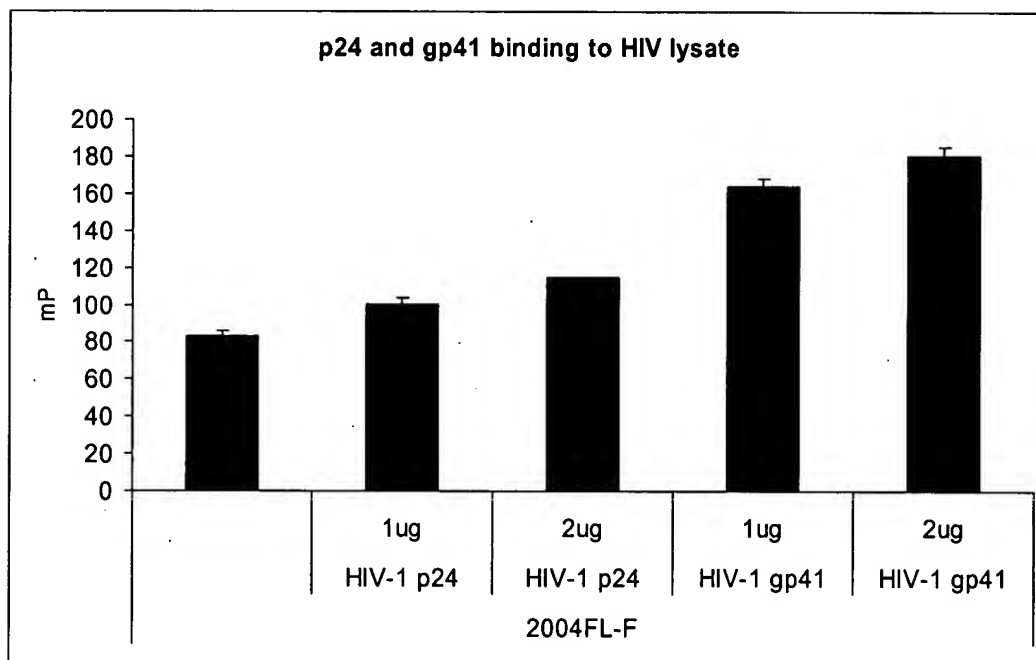


FIGURE 32

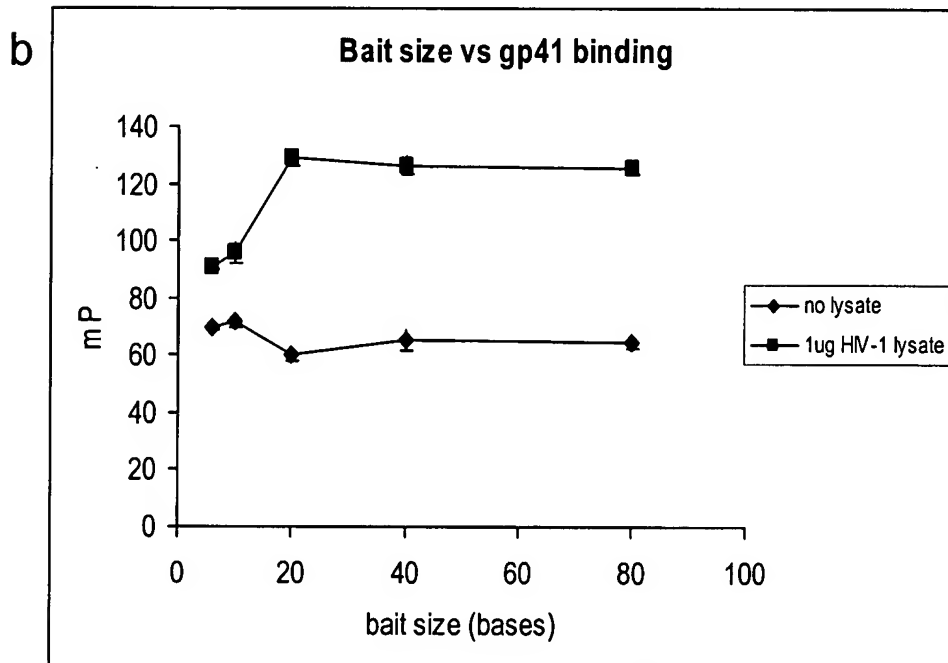
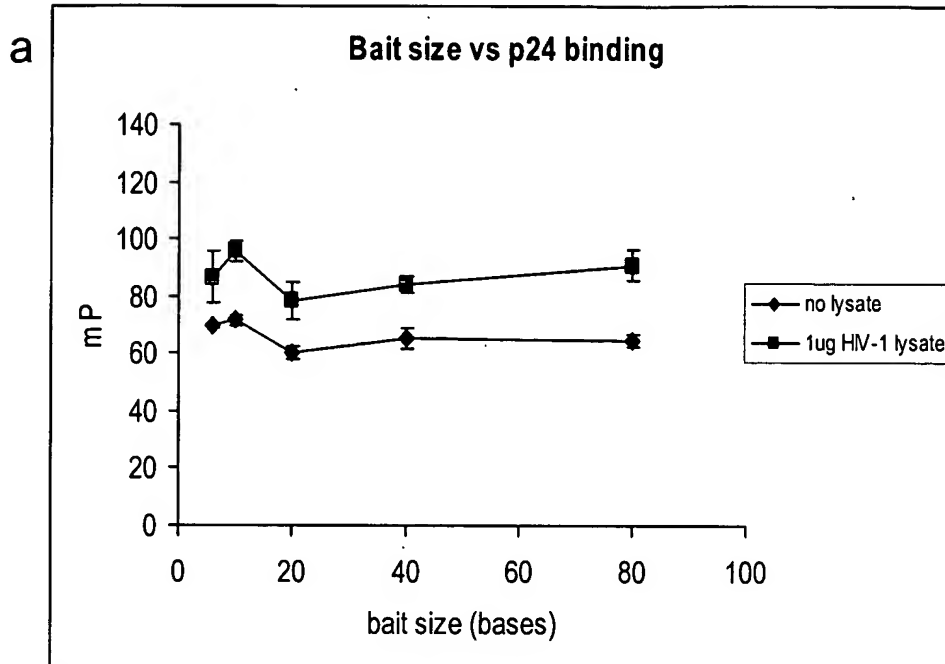


FIGURE 33

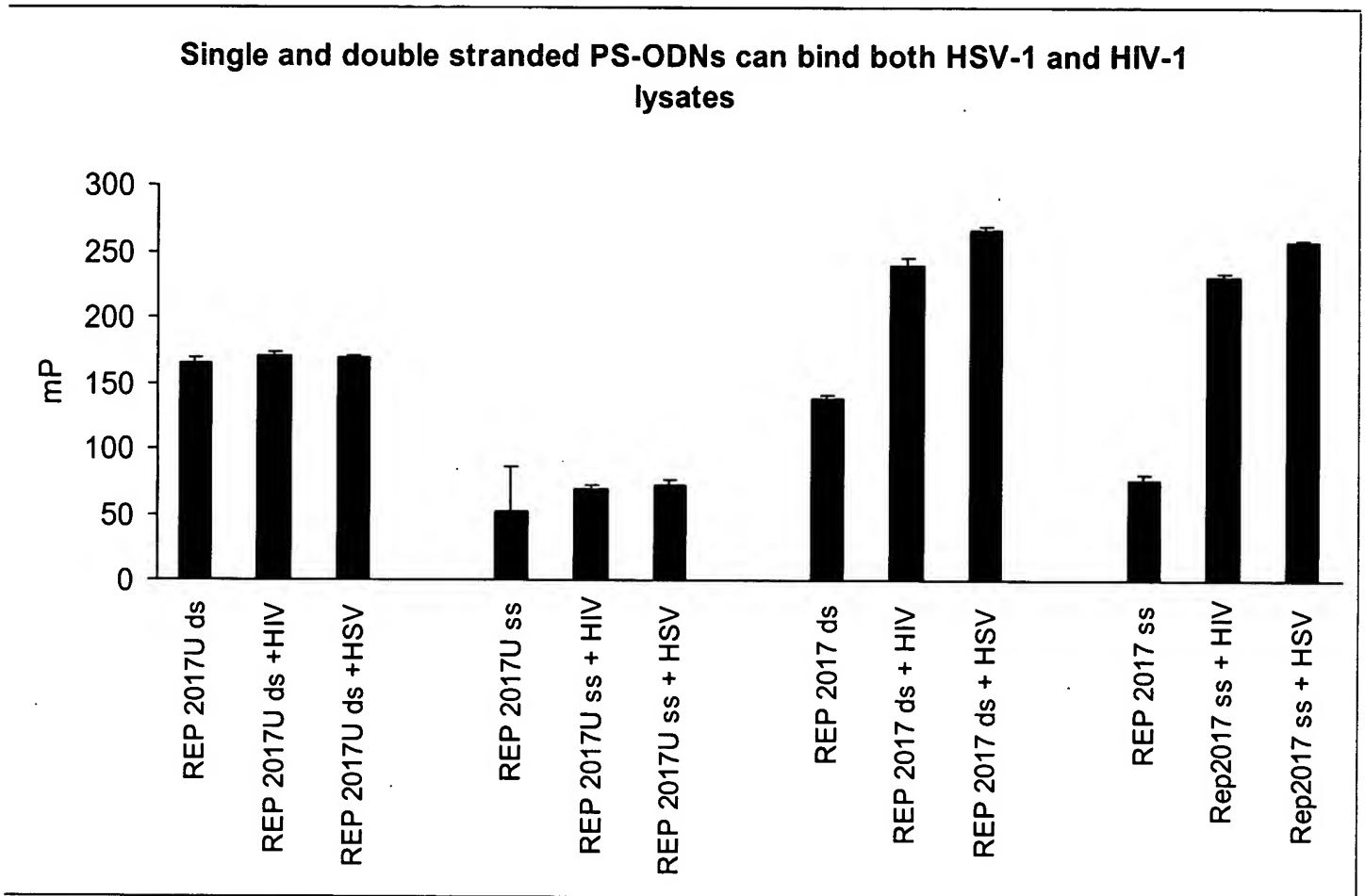


FIGURE 34

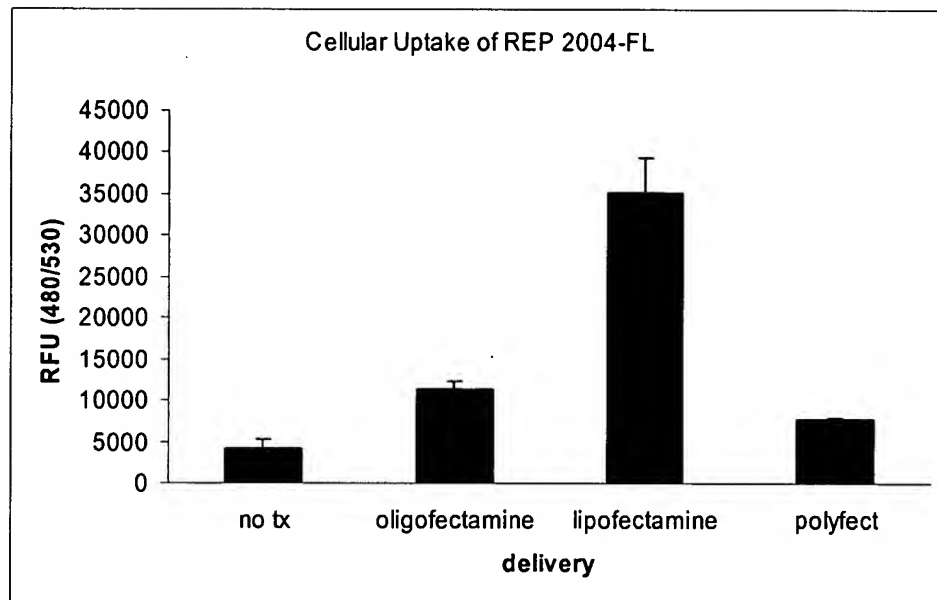


FIGURE 35

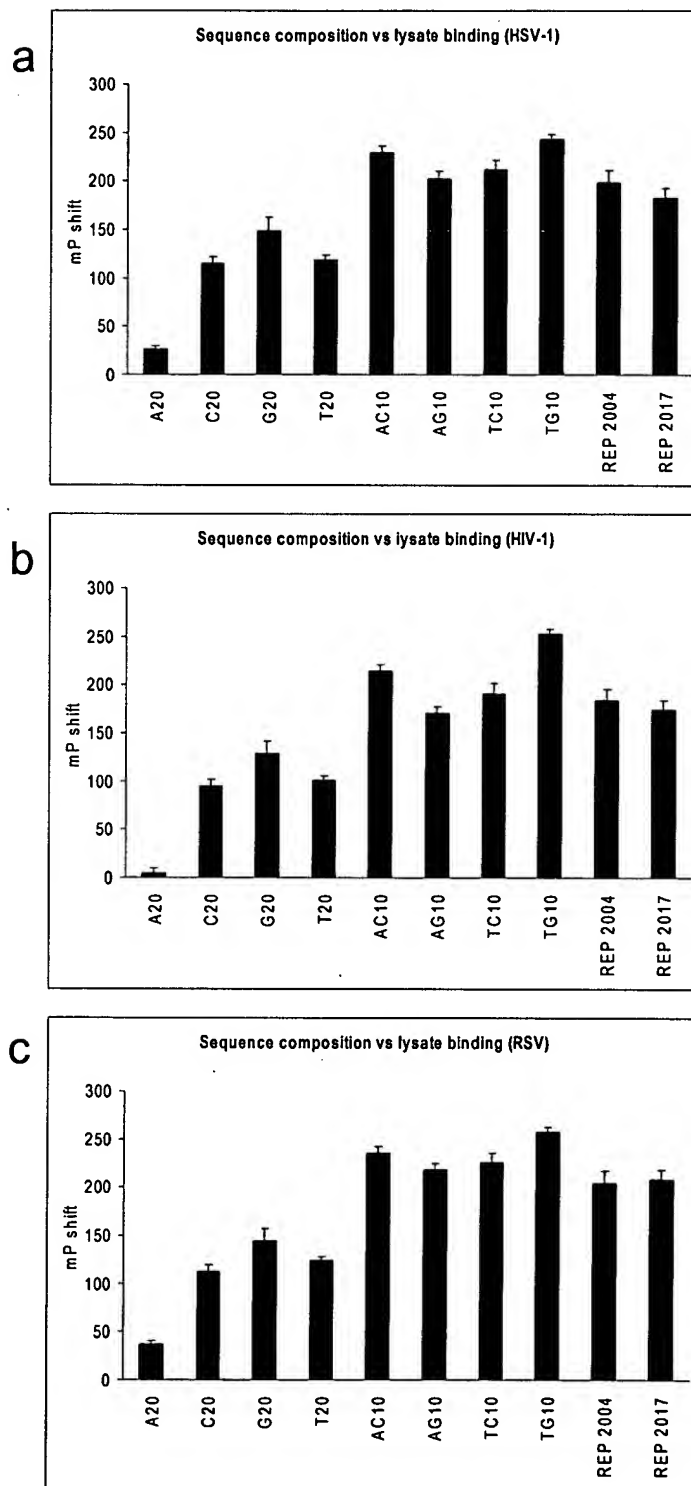


FIGURE 36

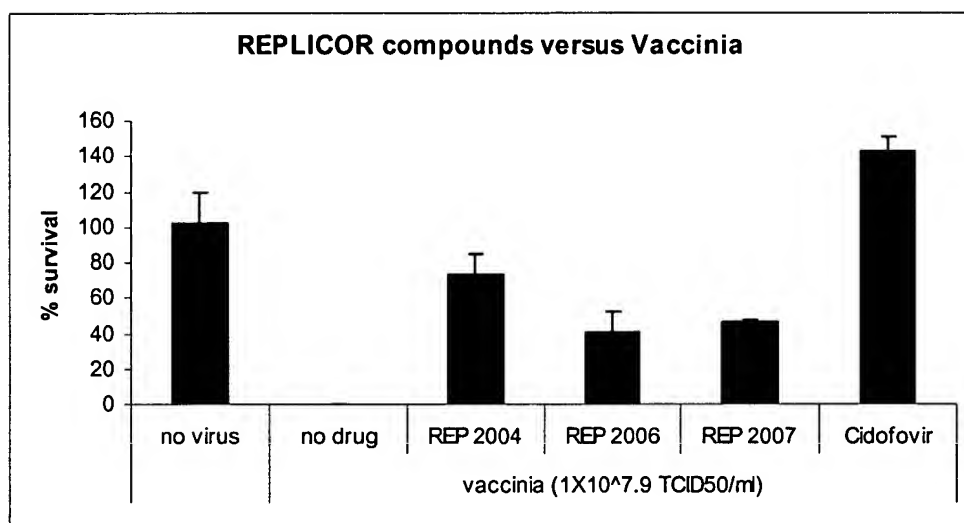


FIGURE 37

